

ABSTRACT OF THE DISCLOSURE

A fan assembly is described having a circular arrangement of fins located around a circular arrangement of blades. Air leaving tips of the blades has high velocity to efficiently break down a convection barrier layer on each of the fins. By breaking down the convection barrier layer, more heat is transferred from the fins to the air. An additional set of blades is located around the fins and an additional set of fins is located around the additional set of blades. Each fin is attached to a respective turn of a coiled heat pipe. The heat pipe has an end which is thermally connected to a processor of a computer.